



State of Ohio Environmental Protection Agency

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George V. Voinovich  
Governor

October 29, 1993

Mr. Jack R. Craig  
Project Manager  
U.S. DOE FEMP  
P. O. Box 398705  
Cincinnati, Ohio 45239-8705

Dear Mr. Craig:

The purpose of this letter is to conditionally approve the South Plume Regional Action Pumping Test Report. The conditions for approval are that DOE addresses, to Ohio EPA satisfaction, the comments listed below. Ohio appreciates the close coordination that occurred between DOE, FERMCO and our contractor, GeoTrans, to successfully complete this important step.

Ohio EPA Comments

1. Section 3.1.1, Page 3-2, Paragraph 2: Specifically, what percentage of fines was anticipated by DOE? How does this differ from what was found?
2. Section 3.1.1, Pg. 3-2, Paragraph 3: Step tests should be performed on the other three (3) pumping wells to determine how their efficiency compares to well 4.
3. Section 3.1.1, Pg. 3-2, Paragraph 3: What effects does the low well efficiency have on the pump test results and the ability of the system to achieve adequate capture of the plume?
4. Section 4.2.3, Pg. 5-15, Paragraph 1: Why is the well efficiency so low? Does DOE plan to repair or replace well 4?

If you have any questions about these comments please contact Mike Proffitt or me.

Sincerely,

Graham E. Mitchell  
Project Manager

cc: Jenifer Kwasniewski, DERR  
Tom Schneider, DERR  
Mike Proffitt, DDAGW  
Jim Saric, USEPA  
Ken Alkema, FERMCO  
Lisa August, GeoTrans  
Jean Michaels, PRC  
Robert Owen, ODH

(U)ERACE(P)  
Partial  
Action RESPONSE  
to S-2480  
(6869)

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**OHIO EPA CONDITIONAL APPROVAL OF THE  
SOUTH PLUME REGIONAL ACTION PUMPING  
TEST REPORT**

**10/29/93**

**OEPA/DOE-FN  
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COMMENTS**